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(54) Title: CONFORMAL COATING WITH LOW VOLATILE ORGANIC COMPOUND CONTENT

(57) Abstract: A coating composition comprising at least one film forming component including a water-based carrier, a resin and at least one additive where the coating composition does not contain a high volatile organic compound (VOC) content and the resin is present in an amount sufficient and configured to form a conformal film when applied to a substrate at room temperature is disclosed. A conformal coating, a method of making the coating composition, a method of using the coating composition to protect substrates such as electronic devices including printed circuit board assemblies (PCBAs), from unwanted contaminants. Substrates coated with such conformal coatings are also disclosed.



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